



PANJAB UNIVERSITY



**BROCHURE
2023-24**

DEPARTMENT OF BIOCHEMISTRY

THE CAMPUS:

*Department of Biochemistry
South Campus
Basic Medical Sciences, Block II
Panjab University
Sector 25, Chandigarh,
160014 ,India*

CONTACT US:

*+91 172 2534131
biochem@pu.ac.in*

ABOUT US

- The Department of Biochemistry at Panjab University, Chandigarh was established in 1962.
- Relocated to a spacious, well built new campus with state of art research labs in Sector-25 in 2014
- Named after Dr. Hargobind Khorana, a noble prize winner in Physiology and medicine and a PU Alumnus.

OUR VISION

- Create, Innovate, Sustain, and Promote high standards of academic excellence.
- To impart research-based knowledge to students with emphasis on hands-on training to motivate and inspire future citizens of India who will excel in their chosen area of interest.
- To translate the knowledge into meaningful outcomes that will benefit humankind and alleviate their suffering.

FACULTY:

FACULTY NAME	SPECIALIZATION
Prof. Amarjit Singh Naura (HOD)	Lung and molecular Immunology
Prof. Rajat Sandir	Neurobiology
Prof. Sukesh Chander Sharma	Membrane Biochemistry & Stress Biochemistry
Prof. Archana Bhatnagar	Immunology of Disorders
Prof. Navneet Agnihotri	Cancer Biology & Nutrition, Lipid Metabolic reprogramming
Prof. Dipti Sareen	Biocatalysis and Natural products research
Dr. Nirmal Prabhakar	Nanobiotechnology & Biosensor development
Dr. Dipanjan Dutta (Ramalingaswami Fellow)	Virology
Dr. Alka Khera (DBT-BUILDER)	Osteoimmunology & Molecular Biology

RESEARCH INFRASTRUCTURE

- SOPHISTICATED INHALATION EXPOSURE SYSTEM WITH PLETHYSMOGRAPH FACILITY
- FLOW CYTOMETER
- LUMINEX MICRO ARRAY
- NANODROP
- REAL-TIME PCR
- BSL II FACILITY
- FTIR
- SPECTROPHOTOMETER
- MULTIMODE MICROPLATE READER
- FLUORESCENT MICROSCOPE
- LYOPHILISER
- AUTO ANALYSER
- CELL/ TISSUE CULTURE
- CHROMATOGRAPHY



COURSES OFFERED:

- Bachelor of Science (Biochemistry)
- Master of Science (Biochemistry)
- Doctor of Philosophy in Biochemistry

MISSION

- To provide excellent training to the students by:
 1. Employing the latest pedagogically effective.
 2. Classrooms/laboratory facilities.
 3. Imparting and developing both hard/technical and soft skills.
- To perform significant original interdisciplinary research in thrust areas



Total Publications- 210

Publications-24

Total Book Chapters-20

Book Chapter-3

Total Citations- 20,076

Book Edited-1

CONTACT DETAILS:

Chairperson:

Prof. Amarjit Singh Naura

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Placement Co-ordinator:

Prof. Archana Bhatnagar

Email- bhatnagar@pu.ac.in

Phone no.-9815502214

Student Co-ordinator:

Lakshay Kaushik

Email- kaushiklakshay1801@gmail.com

Phone no.- 8950408333

Our Alumni

Prof.Sunil K. Arora
(Retired Professor-
PGIMER)

Prof.Uma Kanga
(AIIMS, Delhi)

**Dr. Sandeep K.
Vashist**
(Senior Global IVD
Product Director,
Germany)

Prof. Saranjot Saini
(Augusta
University,USA)

Prof.Indu Verma
(PGIMER)

Prof. Jyotdeep Kaur
(PGIMER)

**Prof. Sucheta
Sharma**
(PAU,Ludhiana)

**Dr. Dharam Paul
Chaudhary**
(Principal Scientist-
ICAR-IIMR,Ludhiana)

**Prof.Chanderdeep
Tandon**
(Dean,Amity
University,Mohali)

Prof. Reena Gupta
(HPU, Shimla)

Dr. Ujla Minhas
(AStt Professor-
University of
Allahbad)

Dr. Simran Tandon
(AStt Professor
Amity University Mohali)

Dr. Rajiv Kawatra
(Sr. Scientific Officer -
Forensic Lab,
Madhuban, Karnal)

Ashish Aggarwal
(Senior Manager, Cipla,
Mumbai)

Dr. Mohit Kumar
(Scientist,NABI,
Mohali)

Dr.Bijayani Sahu
(Res. Assistant
Professor,Univ. North
Dakota,USA)

Dr. Gurpreet S. Sethi
(Instructor, La Jolla
Institute of Immunology)

Dr. Sandeep Kumar
(Scientist, ICMR-NIRTH,
Jabalpur)

**Dr. Shikha
Malhotra** (COO-
Tech Care for
All,Delhi)

Dr.Sachin Malhotra
(CEO-Tech Care for
All,Delhi)

Dr.Mangal Singh
(AStt. Research Officer-
RRIUM,Patna)

Hasmeet Kaur
(Principal, Consultant -
Germany)

Nalin Taneja
(Associate
Manager,Paraxel)

Dr. Rakesh Bijarnia
(CEO- Medzone)